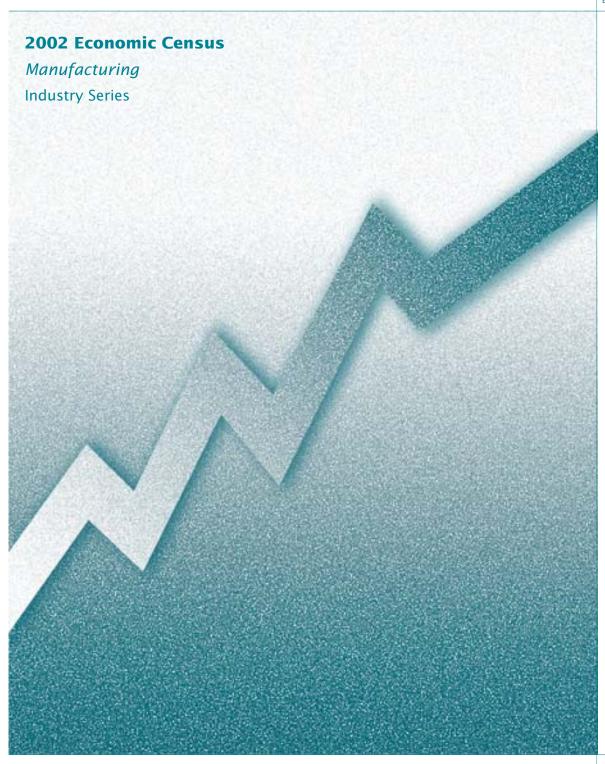
Small Arms Ammunition Manufacturing: 2002

Issued January 2005

EC02-311-332992 (RV)





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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

			All em	ployees	Pro	duction work	kers		Total	shipments	
Industry and year ¹	Com- panies ²		Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	materials		
332992. Small arms ammunition											
manufacturing2002	110	112	6 816	271 931	5 301	11 080	196 950	766 945	392 104	1 114 343	r16 827
2001	Ň	N	6 947	258 054	5 239	10 691	176 602	697 575	425 328	1 139 560	20 116
2000	N	N	7 222	277 847	5 556	10 813	193 642	603 224	456 922	1 032 798	37 218
1999	N	N	7 235	277 616	5 546	11 448	188 719	672 898	437 722	1 124 881	33 813
1998	N	N	7 145	257 981	5 464	10 898	172 800	631 022	370 920	1 018 425	20 406
1997	107	114	7 135	254 731	5 386	10 669	172 743	610 244	374 810	976 944	26 740

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establishments ²		All employees		Production workers						
Industry and geographic area		Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)		Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	materials	Total value of shipments (\$1,000)	expendi- tures
332992, Small arms ammunition manufacturing												
United States	- 2	112 5 6	22 4 1	6 816 1 332 100	271 931 60 062 1 907	5 301 1 087 70	11 080 2 159 123	196 950 45 454 1 415	230 052		1 114 343 243 122 10 643	r16 827 r860 r131

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

Includes establishments with payroll at any time during the year.

Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
332992, Small arms ammunition manufacturing	
Companies ¹ number	110
All establishments ²	112 90 14 8
All employees³ number Total compensation \$1,000 Annual payroll \$1,000 Total fringe benefits \$1,000	6 816 365 172 271 931 93 241
Production workers, average for year	5 301 5 127 5 204 5 427 5 432
Production worker hours	11 080 196 950
Total cost of materials \$1,000. Materials, parts, containers, packaging, etc., used \$1,000. Resales \$1,000. Purchased fuels \$1,000. Purchased electricity \$1,000. Contract work \$1,000.	392 104 358 188 13 685 7 364 11 374 1 493
Quantity of electricity purchased for heat and power 1,000 kWh Quantity of electricity generated less sold for heat and power 1,000 kWh	258 950 -
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000 State of the contract receipts \$1,000 Other miscellaneous receipts \$1,000	1 114 343 1 052 060 23 263 39 020 19 953 D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industry \$1,000.	98 1 097 538 1 052 060 45 478
Coverage ratiopercent	96
Value added	766 945
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	192 150 107 462 32 935 51 753
Total inventories, end of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	238 399 132 455 52 648 53 296
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	'402 115 '16 827 '1 181 '15 646 '253 '1 057 '14 336 '10 208 '408 734
Depreciation charges during year\$1,000.	'25 779
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	7 530 6 015 1 515
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	77 062 98 18 383 1 399 2 488 222 5 970 660 5 306 4 321 3 751 34 562

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on 2002 Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All emp	oloyees	Pr	oduction worke	ers		Total	Total	Total capital expendi- tures (\$1,000)
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	
332992, Small arms ammunition manufacturing											
All establishments	9 8 6 4 - -	112 66 14 10 9 5 3 - 3	6 816 c 106 140 300 413 493 - 2 504 h	271 931 D 4 689 5 214 10 724 13 135 19 350 - 89 152 D	5 301 D 78 102 192 294 397 – 1 893 D	11 080 D 151 187 376 592 840 - 4 086 D	196 950 D 2 951 3 309 5 580 8 441 14 204 — 63 832 D	766 945 D 10 425 14 542 27 268 41 010 36 494 - 263 474	392 104 D 7 089 7 946 18 385 19 505 47 767 – 167 814	1 114 343 D 18 265 20 399 45 403 58 377 74 713 – 405 302 D	'16 827 361 '475 '1 214 '1 223 '680 D - 7 069 D
2,500 employees or more Administrative records ⁴	9	74	203	8 296	153	296	5 557	20 403	- 12 281	- 32 680	- '642

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	ΔII	All employees		Pr	oduction work	ers		Total	Total	Total capital
product class code		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
332992	Small arms ammunition manufacturing	112	6 816	271 931	5 301	11 080	196 950	766 945	392 104	1 114 343	¹ 16 827
3329920	Small arms ammunition	112	6 816	271 931	5 301	11 080	196 950	766 945	392 104	1 114 343	r16 827

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments			
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)		
332992	Small arms ammunition manufacturing	N N	X	X	1 097 538 889 302		
3329920	Small arms ammunition	N N	X	X	1 097 538 889 302		
33299201	Rimfire rifle/pistol cartridges	N N	x X	X X	257 435 112 076		
3329920101	Rimfire rifle/pistol cartridges mil units 2002	9 3	X X	P4 066.4 S	257 435 112 076		
33299202	Centerfire rifle cartridges	N N	x X	X	135 824 101 009		
3329920206	Centerfire rifle cartridges	8 6	X X	345.8 270.1	135 824 101 009		
33299203	Centerfire pistols, including cartridges interchangeable between rifles and pistols (30 mm or less, 1.18 in. or less)	N N	X	X	182 279		
3329920311	Centerfire pistols, including cartridges interchangeable between rifles and pistols (30 mm or less, 1.18 in. or less) mil units 2002	6	×	1 424.7	166 664 182 279		
33299204	1997. Shotgun shells 2002. 1997. 1997.	8 N N	X X X	1 148.7 X	166 664 218 116 187 936		
3329920416	Shotgun shells	8 4	X X	1 191.6 1 018.9	218 116 187 936		
33299205	Small arms ammunition primers (30 mm or less, 1.18 in. or less)	N N	X	Х	28 022		
3329920521	Small arms ammunition primers (30 mm or less, 1.18 in. or less)	N 5	X X	X 2 043.0	28 295 28 022		
33299206	All other ammunition components	4 N	X	2 221.6 X	28 295 116 860		
3329920626	All other ammunition components	N 19	X	X	157 183 116 860		
33299207	Other ammunition products, including industrial shells and cartridges, air gun ammunition, percussion caps	21 N	X X	X X	157 183 108 927		
3329920731	Carrindges, air gun ammunition, percussion caps	N N	â	â	108 927		
3329920731	cartridges, air gun ammunition, percussion caps	16 13	X X	X X	108 927 101 388		
3329920Y	Small arms ammunition, nsk, total	N N	X X	X X	50 075 34 751		
3329920YWW	Small arms ammunition, nsk, for nonadministrative-record establishments	N	X	Х	17 656		
3329920YWY	Small arms ammunition, nsk, for administrative-record establishments	N N	X X	X X	13 311 32 419		
	1997	N	X	X	21 440		

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332992	Small arms ammunition manufacturing		
00900001	Total materials	X X	358 188
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	348 470 293
33200095	Other fabricated metal products (excluding castings and forgings)	X X X	D 61 610 D
33151001	Iron and steel castings (rough and semifinished)	X	D D
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	x X	D 1 705
33152003	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-		
	base alloy)	X X	23 455 D
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products)	X	11 154
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated	• •	18 621
	metal products)	X X	48 757 57 250
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)		D. 230
	1997.	X X	N
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products)	V	10,500
	1997	X X	13 560 N
32592011	Smokeless powder	X X	51 674 55 551
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	X X	15 131 7 844
	1997	^	7 844
32500065	Other chemicals and allied products	X X X	9 897 D
32100019	Rough and dressed lumber	X X	D
32221001	Paperboard containers, boxes, and corrugated paperboard	x X	22 840 21 128
32610011	Fabricated plastics products (excluding gaskets)	×	D
33351501	Machine tool accessories, including cutting tools.	X X X	11 831 7 177
	1997	X	D
00190055	Electronic, hydraulic, and mechanical subassemblies	X	D D
00970099	All other materials and components, parts, containers, and supplies	×	56 797
00971000	Materials, ingredients, containers, and supplies, nsk	X X	45 884 17 228
	1997	X	11 442

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.